

Streptococcus pneumoniae Antigens and Vaccines

Abstract

The present invention relates to novel vaccines for the prevention or attenuation of infection by *Streptococcus pneumoniae*. The invention further relates to isolated nucleic acid molecules encoding antigenic polypeptides of *Streptococcus pneumoniae*. Antigenic polypeptides are also provided, as are vectors, host cells and recombinant methods for producing the same. The invention additionally relates to diagnostic methods for detecting *Streptococcus* nucleic acids, polypeptides and antibodies in a biological sample.

1992 RELEASE UNDER E.O. 14176